Cordless Phone Set DT288

DECT GAP/CAP

User’s Guide

EN/LZTNB 101 179 R2

ERICSSON

WHAT TO READ FIRST

This user's guide consists of several sections and topics which can be read individually. You will find each section and topic listed in the table of contents. In addition, the "Index" at the back of this guide shows where to find help on each topic. To get the cordless phone up and running and information about basic use of the cordless phone, you should read the "Getting started" section in particular. Other parts can be read when needed.

ABOUT THIS USER'S GUIDE

This user's guide is published by Ericsson Business Mobile Networks BV, without any warranty. Improvements and changes to this user's guide necessitated by typographical errors, inaccuracies of current information, or changes to programs and/or equipment, may be made by Ericsson Business Mobile Networks BV at any time and without notice. Such changes will, however, be incorporated into new editions of this user's guide. All rights reserved.

Note

This user's guide describes the most important features of the DT288 cordless phone. Since the DT288 cordless phone can be used in several networks supporting different capabilities, some of the features might not be usable in your network.

CORDLESS PHONE FEATURES

- GAP/CAP compliant
- Calling line identification (depending on the network)
- Phone book for 100 names and numbers
- Up to 100 hours stand-by time and up to 15 hours talk time
- Menu in 11 languages
- Side keys for volume
- Who called list for 10 numbers
- Last dialled list for 10 numbers

CORDLESS PHONE

CORDLESS PHONE DISPLAY ICONS AND INDICATORS

		On	Flashing	Flashing quickly
Signal strength		Visible when connected to a network		
Ring off		Ring signal muted or microphone off		
Key		Keys locked		
Hook		Cordless phone off hook	Connection being made	Cordless phone is ringing
Message		Message waiting		
Call Info		New unanswered entry in the who called list		
Battery		Battery status (4 blocks is fully charged)	Battery casing flashes; battery almost empty	Blocks flash succes-sively; battery is being charged (steady blocks indicate the battery level)
Warning light			Warning (battery low/no connection)	Incoming call Message waiting

For further details, please see section “Reference” on page 114.

Content

Getting started 8

Check for completeness **8**
Preparing for use **10**
Battery **15**
Clip **19**
Switching on the cordless phone **21**
Menu structure **23**
Using the menus **26**
Making and receiving calls **29**
Changing the menu language **31**
Looking up the IPEI code **32**
Switching off the cordless phone **34**
Telephone networking in short **34**

Telephoning 37

Information on display **37**
Making a call **40**
Call using the phone book **41**
Redialling **44**
Returning a call **46**
Receiving a call **48**
Transferring a call **49**
Turning off the microphone **52**
Turning off the ringer **53**

Advanced telephoning 55

Internal, external call or call back? **55**
Paging and message waiting **56**
Changing the dialling mode **57**
Setting long tones **58**
Sending a dial tone pause **59**
Baby phone **59**
Direct call **60**
Call statistics cordless phone **62**

Phone book 63

Phone book use **63**
Adding name and number **66**
Editing name and number **67**
Deleting name and number **69**
Adding last dialled numbers **70**
Adding caller's number **72**

Blocking keys and extra security 74

Key lock **74**
Cordless phone lock **76**
Changing the PIN code **79**
Unblocking the cordless phone **80**
Overview PIN and other codes **82**

Settings 83

Volume control **83**
Ringer tones or melodies **86**
Discreet ringing **88**
Key click **89**
Display light **90**
Display contrast **91**
Language **92**
AutoIntern **92**
Clearing all cordless phone settings **93**

Networking 94

Connecting to telephone networks **94**
Subscribing to a network **97**
Resubscribing to a network **103**
Selecting a network automatically **103**
Selecting a network manually **105**
Editing network name **106**
Deleting network subscription **108**
Changing subscription priority **109**

Tips and tricks 111

Reference 114

Safety instructions **114**
Troubleshooting **116**
Buttons and keys **121**
Terminology **123**
Signals **124**
Maintenance **125**
Technical specifications **127**
Spare parts and accessories **131**

Index 132

Getting started

CHECK FOR COMPLETENESS

Make sure that all the parts are present. If anything is missing, please contact your system manager or supplier.

The set contains:

1. Cordless phone
2. Battery
3. Clip
4. Charger
5. Charger adapter
6. Wall mount including fixation plugs and screws
7. Desk stand

8. Quick Reference Guide
9. Assembly card

Note

It is important to make a note of the IPEI code. The IPEI code may be needed for unblocking the cordless phone if an incorrect PIN code has been entered three times. Refer to “Looking up the IPEI code” on page 32 for further details.

PREPARING FOR USE

When using the cordless phone for the first time, follow the steps below to prepare the cordless phone.

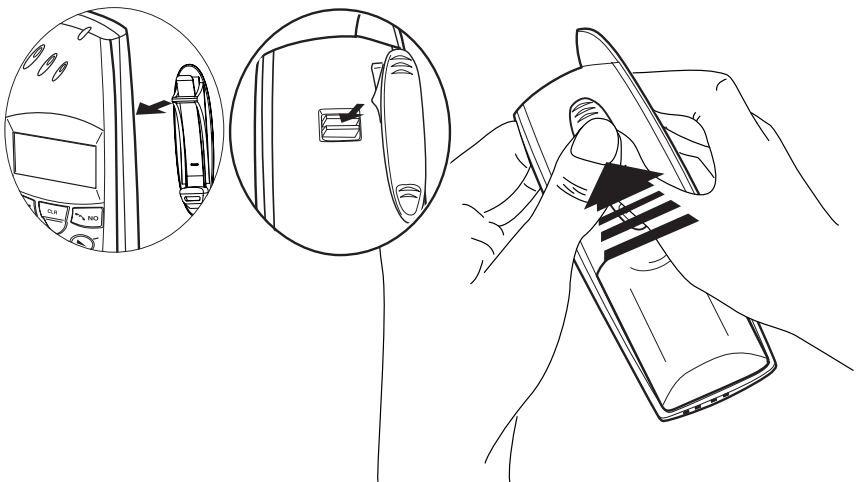
Warnings

- *Do not use the equipment in conditions where there is a danger of electrically ignited explosions.*
- *Do not expose the equipment to direct sunlight for long periods.*
- *Keep the equipment away from excessive heat and moisture.*
- *Make sure the local mains voltage corresponds to the voltage on the charger.*

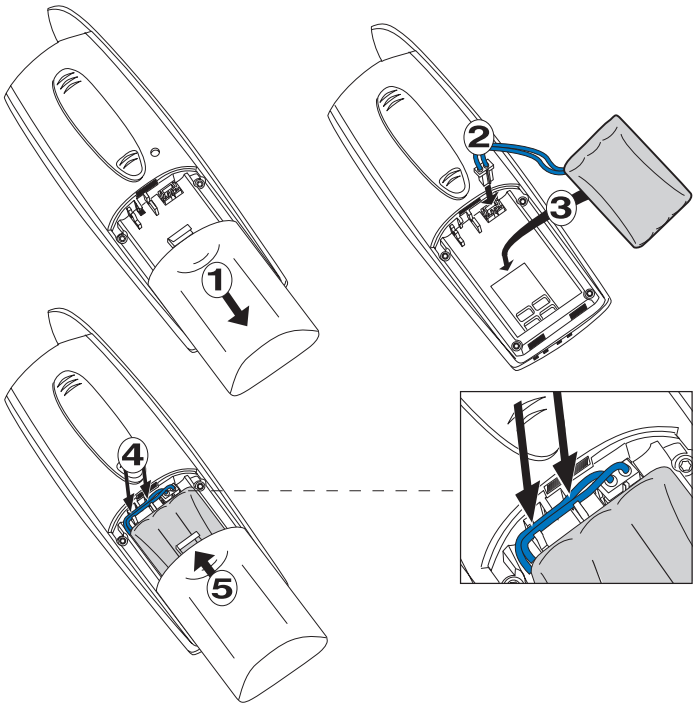
Note

Only use the charger that comes with the cordless phone.

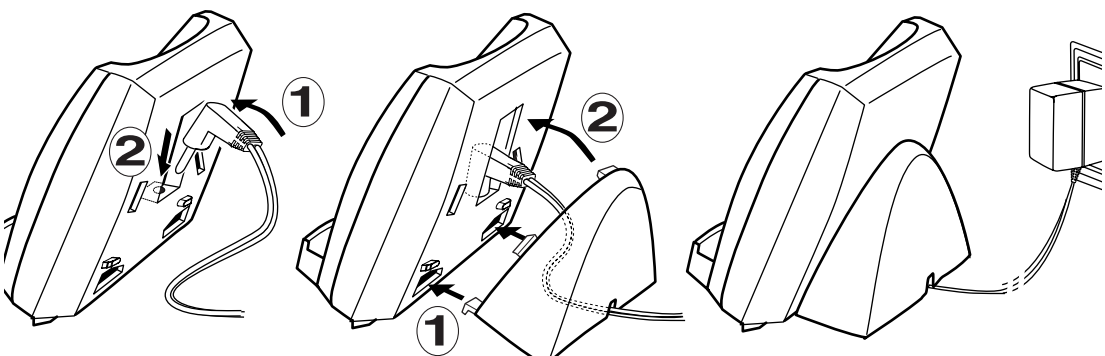
1. Attach the clip to the cordless phone. **Do not press on the display!**



2. Place the battery as shown below. Make sure that the battery wires are put through the notches as shown.

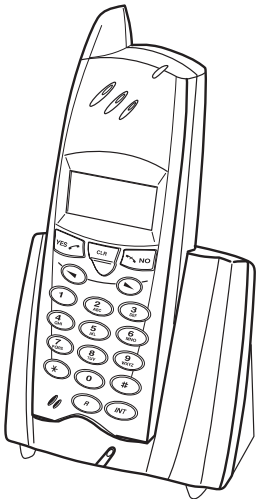

1
2
3
4
5

3. Connect the mains adapter to the charger and connect it to the mains outlet.



If you place the charger on a wall, screw the wall mount to the wall.

4. Place the cordless phone in the charger to charge the battery.



Complete charging before you subscribe or use the cordless phone. The green light of the charger is turned off when charging is completed. For more information about charging the battery, please refer to “Battery” on page 15.

5. Subscribe the cordless phone to the telephone network. Follow the procedure in “Subscribing to a network” on page 97.

When the cordless phone is subscribed to a telephone network, the cordless phone is ready for use. See also “Telephone networking in short” on page 34.

BATTERY

The cordless phone is powered by a rechargeable battery. You can fully charge a flat battery by placing the cordless phone in the charger for 3 hours. A fully charged battery gives you up to 15 hours calling time or up to 150 hours stand-by time. The cordless phone has a battery meter, which indicates the power left in the battery.

Note

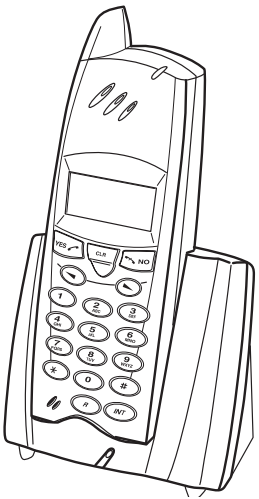
The cordless phone is powered by a Nickel Metal Hydride (NiMH) battery. It can be recharged at any time. To keep the battery fully charged, you can put or leave the cordless phone in the charger without any problem.

Reading the battery meter

When the battery is fully charged, the battery meter on the cordless phone display consists of four blocks. The number of blocks decreases as the battery discharges. If the battery is almost flat, the battery meter and the red light on the cordless phone flash. An alarm sounds if there is less than 15 minutes calling time left in the battery.

Charging the battery

Place the cordless phone in the charger as shown in the picture below.



If the lower green light on the charger is on (and the battery meter on the display flashes), the battery in the cordless phone is being charged. As soon as the battery is fully charged, the lower green light is turned off and the battery meter on the cordless phone stops flashing.

If the battery is completely flat it can take a few minutes before the lower green light on the charger comes on.

Changing the battery

Rechargeable batteries have a limited lifespan.
If the stand-by time for the cordless phone becomes too low, you should replace the battery. Please contact your system manager or supplier for more information.

Warning

Only use batteries as specified in “Technical specifications” on page 127.
The battery does not contain cadmium and is therefore more environmentally-friendly than other rechargeable batteries. However, all batteries should be treated as chemical waste.

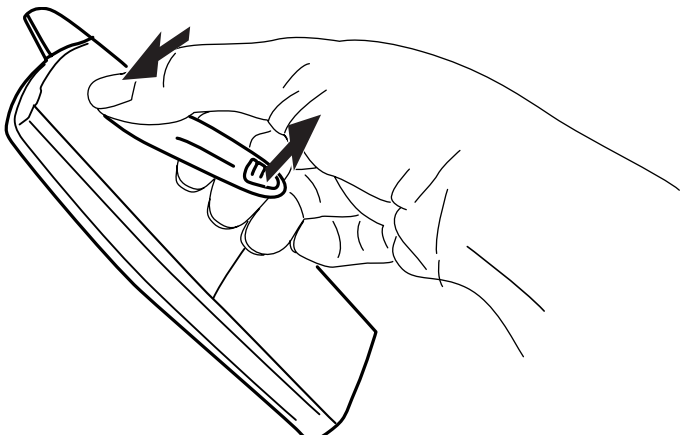
CLIP

The cordless phone has a clip to attach the cordless phone to your clothes.

- How to attach the clip to the cordless phone: see “Preparing for use” on page 10 for specific instructions.
- How to remove the clip from the cordless phone: see the drawing below.

Note

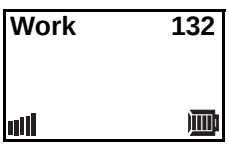
To minimize wear and tear, we recommend that you do not remove the clip from the cordless phone too often.



Remove the clip

SWITCHING ON THE CORDLESS PHONE

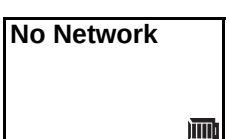
To switch on the cordless phone:



- Press *NO* for at least one second until the stand-by display appears. The number on the upper right-hand side of the display is the (internal) number of the cordless phone

What to do if...

- The display does not come on or the battery icon starts flashing: Charge the battery. Refer to “Charging the battery” on page 16.
- The cordless phone is not connected to a telephone network: The signal strength icon is off and the message ‘**No network**’ will be displayed repeatedly. You cannot make or answer calls. See “Networking” on page 94, or contact your system manager.



After switching on, the cordless phone is in stand-by mode. In stand-by mode, the cordless phone is ready to make or receive calls and consumes little energy. In this mode the display may show several icons and other information. For more details see “Information on display” on page 37.

Tip

If you are not using the cordless phone to make or receive calls, you can put the cordless phone in the charger to keep it fully charged.

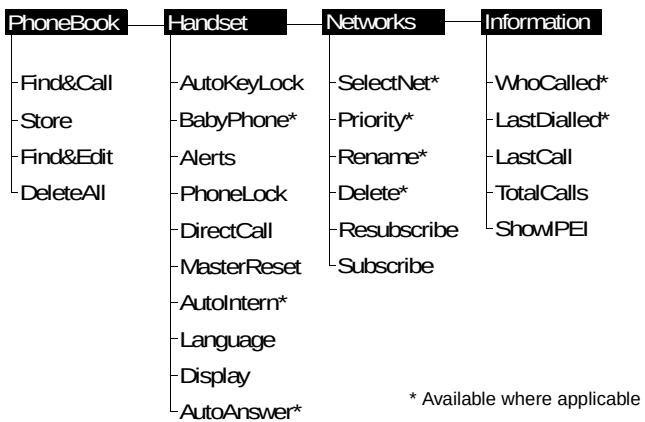
Navigation keys

MENU STRUCTURE

Several functions of the cordless phone and the network can be accessed via the cordless phone menus. The charts below give an overview of the most important top level menu items to help you locate those functions.

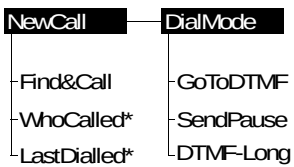
On hook menu

The on hook menu is accessible when the cordless phone is in stand-by mode by pressing or (see below).



Off hook menu

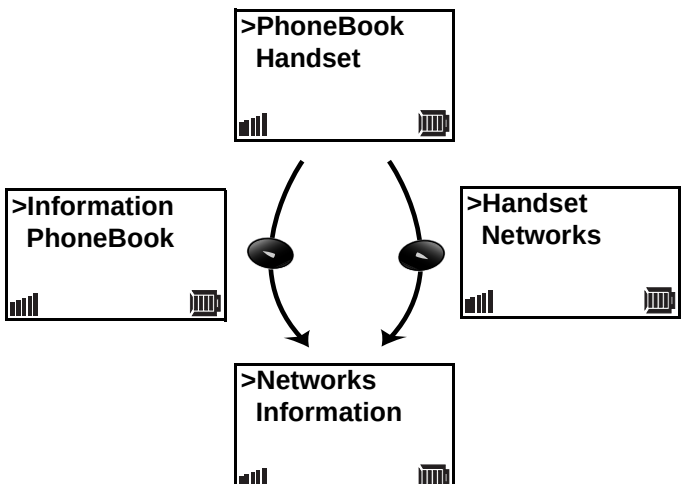
The off hook menu is accessible by pressing or during a call.



* Available where applicable

USING THE MENUS

The cordless phone can be operated via menus. Each menu forms a loop.



- You can activate the menus when the cordless phone is on hook or off hook. The menu options differ in both situations (see “Menu structure” on page 23).
- To activate the menus, press the or the key. For instance, you can enter the main menu option **PhoneBook** by pressing either the or the key.
  The arrow **>** on the display indicates the option currently selected.
- Press the or key again to scroll through the menu options.
- To confirm a selected menu option, press ***YES***.
  Some options activate a new menu. Press ***NO*** to return to the previous menu.
- When scrolling through the menus you can return to the stand-by display or previous menu by pressing ***NO*** several times.
- If you do not press any key for a minute, the cordless phone automatically returns to the stand-by display.

- If you want to cancel any operation, press ***CLR*** shortly.

Note

The cordless phone makes use of “dynamic” menus, which means that some menu options are only visible where applicable and supported by the network.

“Changing the menu language” on page 31 shows you how the menus work. For changing the menu language, every step of the procedure is given in detail. For all other procedures, it is assumed that you know the handling of the menus.

To help you locate the menu items that are not in the main menu, a path through the menus is given at the beginning of each procedure. These paths are indicated by the word “**Route:**” followed by menu items you have to select in sequence in order to get to a specific function. In most cases, the next menu item is not immediately visible so you have to use the or key to locate it. See also “Menu structure” on page 23 for an overview.

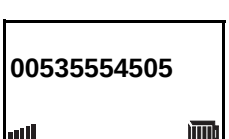
MAKING AND RECEIVING CALLS

If your cordless phone is switched on, and connected to a telephone network, you can make and receive calls. Check if a network name is displayed and one or more bars of the signal strength icon are on. If not, refer to “Networking” on page 94 or contact your system manager or supplier.

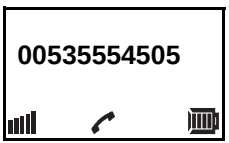
Making a call

After switching on, the cordless phone is in stand-by mode. In this mode the cordless phone is ready to make calls.

Dialling while on hook:



1. Enter the number.
   The number is displayed.
2. When the number is correct, press ***YES***.
3. Press ***NO*** to end the call.
   The duration of the call is displayed.

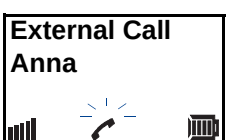


Dialling while off hook:

1. Press ***YES*** and wait for the dial tone.
2. Enter the number and wait for a connection.
3. Press ***NO*** to end the call.
   The duration of the call is displayed.

Receiving a call

After switching on, the cordless phone is in stand-by mode. In this mode the cordless phone is ready to receive calls.



When the cordless phone rings:

1. Press ***YES*** to answer the call.
2. To end the call, press ***NO*** .
   The duration of the call is displayed.

On an incoming call, the caller’s (extension) number may be displayed. If however the caller’s number is included in the phone book of your cordless phone, the corresponding name may be displayed instead.

Operating area

You can use your cordless phone in the area that is covered by the network. Outside this area, you will lose contact with the telephone network. The signal strength icon will disappear. '**No network**' will be displayed repeatedly, the warning light will flash and short, fast, warning beeps will be heard at regular intervals.

CHANGING THE MENU LANGUAGE

The default menu language is English. To select another language, use the **Language** option. Please note that the menu options stay in English until you confirm your language choice.

To change the cordless phone language:

Route: Handset » Language

1. Press or to enter the main menu.
   Option **PhoneBook** is displayed.
2. Scroll to **Handset** and press ***YES***.
3. Scroll to **Language** and press ***YES***.
   The current language is displayed.
4. Scroll through the list of languages until you find the language you want.
5. Press ***YES*** to confirm your choice.
   The language has now been changed.

LOOKING UP THE IPEI CODE

Your system manager or supplier may need the International Portable part Equipment Identity (IPEI) number of your cordless phone to enable telephone network subscription. The IPEI code is a unique code which has been assigned to the cordless phone. Furthermore, you may need the IPEI code to unblock the phone if an incorrect PIN code has been entered three times.

The IPEI code can be requested when using the cordless phone.

To display the IPEI code:

Route: Information » ShowIPEI

1. Select **ShowIPEI** and press ***YES*** .
   Enter PIN: is displayed.
2. Enter the PIN code for the cordless phone (default 0000) and press ***YES*** .
   The 13-digit IPEI code is displayed.
3. Press ***YES*** to leave this menu.

Note

Write down the IPEI code for future use. If you cannot retrieve the IPEI code, please contact your system manager. Keep the IPEI code secret to prevent misuse of your phone.

SWITCHING OFF THE CORDLESS PHONE

Normally you do not need to switch off the phone. But if you do not want to make or receive calls, change the battery or when you get out of range of the network, you can switch off the cordless phone.

To switch off the cordless phone:

- Press and hold NO until the display turns blank.

You cannot switch off the cordless phone during a call.

TELEPHONE NETWORKING IN SHORT

The cordless phone can be connected to several telephone networks. If your cordless phone is connected to a telephone network you can make and receive calls. In a telephone network calls are transmitted from one cordless phone to the other via radio connections.

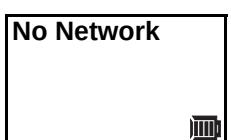
If a network name is displayed and the signal strength icon is on, the cordless phone is connected to that network.

You can only make use of a telephone network if the cordless phone:

- Is in range of that network
- Is subscribed to that network
- Has access rights to that network

In network range

Only if the cordless phone is in range of a network it can connect to that network.



If the signal strength icon is off (not visible) and the messages ‘No network’ or ‘No access’ are displayed repeatedly, then the cordless phone is not connected to a network. This may mean:

- You are out of range.

- There is no access to the network.
  The cordless phone is not able to connect. Set the cordless phone to automatic network selection (**Route: Networks » SelectNet » Automatic**).
- There is no subscription to the network.
  Subscribe the cordless phone to the network.

Network subscription

To get access to the network you have to subscribe the cordless phone to a network. Once subscribed you can access the network at any time when within network range.

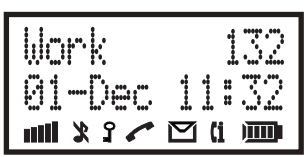
Selecting a network

The coverage area of different telephone networks may overlap. In that case you can select the telephone network you want if the cordless phone has been subscribed to it.

Telephoning

INFORMATION ON DISPLAY

After switching on the cordless phone, the display may show several icons and other information.

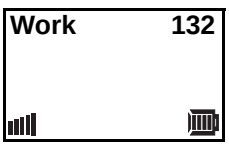


Signal strength

A signal strength indicator is shown on the left-hand side of the display when the cordless phone is connected to a network. It is a measure of reception quality. Five vertical bars means good reception quality and one bar means

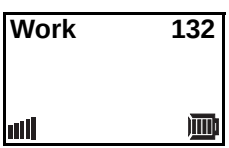
poor reception quality. In areas where the reception quality is poor, you risk losing calls.

Network name



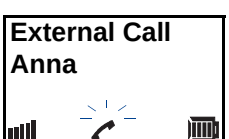
The name of the currently-connected network is displayed when the cordless phone is in stand-by. The default network name is **Work** but you can set the network name yourself. This is described in “Editing network name” on page 106.

Extension number

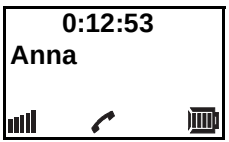


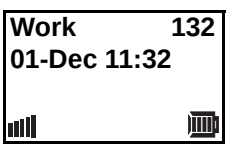
If supported by the network, your internal number is shown on the right-hand side of the display when the cordless phone is in stand-by.

Call information



When the cordless phone rings, the type of call and, if available, the caller’s name or number, is displayed. The name is displayed if the number of the caller is in your phone book.





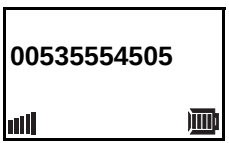
Call duration

During a call and after termination of the call, the cordless phone displays the duration of the call.

If provided by the network, the cordless phone displays the current date and time when it is in stand-by.

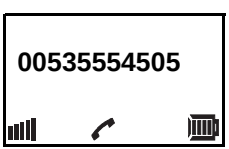
MAKING A CALL

Dialling while on hook:



1. Enter the number.
   The number is displayed.
2. When the number is correct, press ***YES***.
3. Press ***NO*** to end the call.
   The duration of the call is displayed.

Dialling while off hook:



1. Press ***YES*** and wait for the dial tone.
2. Dial the number and wait for a connection.
3. Press ***NO*** to end the call.
   The duration of the call is displayed.

CALL USING THE PHONE BOOK

Your cordless phone contains a phone book for storing names and numbers. You can conveniently make calls using this phone book. For use of the phone book, see section “Phone book” on page 63.

Calling by name

The call by name option lets you search for a name and number in the phone book.

To call by name:

Route: PhoneBook » Find&Call

1. Select **Find&Call** and press ***YES***.
   Enter Name: or **Phone book is empty** is displayed. To add names and numbers to the phone book, see “Adding name and number” on page 66.
2. Press the key which has the first letter of the name you are searching for. Press once for the first letter of the key, twice for the second and three

times for the third letter of the key. To narrow down the search, you can also enter the next letter(s) of the name.

3. Press ***YES*** to confirm.
   The first name in the phone book beginning with the entered letter(s) or, if it does not exist, a name beginning with the next letter is displayed.
4. Scroll (if necessary) until you find the right name.
5. Press ***YES*** to dial the number.

Quick call by name

You can also search for a number by name in your phone book without using the menus.

To use quick call by name:

1. Press the key which has the first letter of the name, and hold down the key until the display shows the first name in the phone book beginning with the letter on the key you have just pressed.
2. You can now enter more letters as in step 1 to narrow your search, or scroll until you find the right name.

3. Press ***YES*** to dial the number.

Example:

Suppose you want to call someone whose name is ‘Jones’. Follow the next procedure:

1. Press 5 JKL and hold until the first name in the phone book beginning with ‘J’ appears.
2. Press 6 MNO three times for the ‘O’.
   The first name in the phone book beginning with ‘Jo’ appears.
3. You can now continue by pressing 6 MNO twice for the ‘N’ and so on or scroll until you find the name ‘Jones’.
4. Press ***YES*** to dial the number.

If the phone book does not contain a name beginning with that specific letter, the incorrect letter flashes. You can enter another letter to correct it. If the phone book is empty, see “Adding name and number” on page 66 for more information.

Tip

*If you press **CLR** instead of **YES** , you can edit the number before dialling.*

REDIALLING

The last ten numbers you dialled are available for redial. If the number appears in the phone book, the name is shown instead.

To redial the last number dialled:

1. Press and hold **YES** and wait until the last dialled number or name appears.
   The cordless phone beeps if there are no names or numbers available for redial.
2. Press **YES** for the second time.
   The cordless phone dials the number again.

To dial one of the ten last dialled numbers:

1. Press and hold ***YES*** and wait until the last dialled number or name appears.
   The cordless phone beeps if there are no names or numbers available for redial.
2. Scroll until you have the right number or name.
3. Press ***YES*** to dial the selected number.

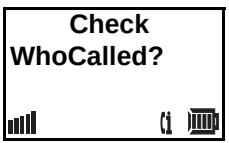
Tip

*If you press **CLR** instead of **YES**, you can edit the number before dialling.*

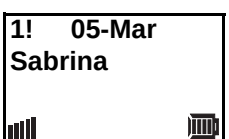
You can also access the last dialled number memory via the **LastDialled** menu (**Route: Information » LastDialled**). It is only available if names or numbers are available for redial.

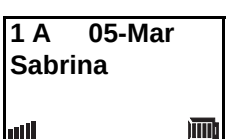
When you switch off your cordless phone, the last dialled numbers are erased. You can permanently store the last dialled numbers in your phone book. See “Adding last dialled numbers” on page 70.

RETURNING A CALL



In some networks, when you receive a call, the number (or name) of the caller and if available the time or date is displayed. In that case the number is stored in the “who called” memory. The call info icon shows you if there are new unanswered calls. By using the call return function, you can easily return a call to these numbers. The “who called” memory holds up to ten numbers.
When there are new unanswered calls, the cordless phone displays **Check Who Called ?** If you do not want to return a call, press ***NO*** .





To return a call:

1. Press ***YES*** .
   A list of numbers appears. New entries are marked with an exclamation mark. Calls that have been answered with this cordless phone are marked with the letter **A**.

2. Scroll until you have the right number or name.
3. Press ***YES*** to dial the selected number.
   The number is removed from the ‘‘who called’’ memory and stored in the last dialled memory.

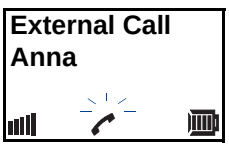
Tip

If you press ***CLR*** *instead of* ***YES*** *, you can edit the number before dialling.*

You can also access the ‘‘who called’’ memory via the **WhoCalled** menu (**Route: Information » WhoCalled**). This option is only displayed, if names or numbers are available for returning a call.

When you switch off your cordless phone, the ‘‘who called’’ list is erased. You can permanently store the ‘‘who called’’ numbers in the phone book. See “Adding caller’s number” on page 72.

RECEIVING A CALL



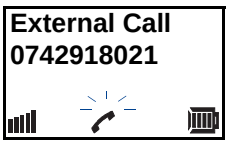
When the cordless phone rings:

1. Press ***YES*** to answer the call.
2. To end the call, press ***NO*** .
   The duration of the call is displayed.

On an incoming call, the caller's (extension) number may be displayed. If however the caller's number is included in the phone book of your cordless phone, the corresponding name is displayed instead.

When the cordless phone rings at an inconvenient moment:

- Press ***NO*** or ***CLR*** to mute the buzzer.



Caller identification

Some telephone networks provide calling line identification. This means that in case of an incoming call the caller's (extension) number or name is displayed.

Ask your system manager or supplier if your telephone network provides calling line identification (CLIP).

TRANSFERRING A CALL

During a call you can put the call on hold and dial another telephone number. You can then continue the first call or transfer the caller to the dialled number (if supported by the current network).

To put a call on hold and dial another number, use the R key or the **NewCall** menu option. To look up the number in the phone book, use the **NewCall** menu option.

Using the R key

You are on the phone and want to transfer a call.

To transfer calls to another number:

1. Press R to put the current call on hold.
   You hear the dial tone of the switchboard.
2. Enter the (extension) number to which you want to transfer the call.
   If the number is available, you hear it ring.
3. Press NO to transfer the call, or press R to return to the caller.

Using the ‘NewCall’ option

During a call, you may want to hold the call and dial another number, but you do not know the number by heart and want to look it up in the phone book, the ‘‘who called’’ list or the “last dialled” list.

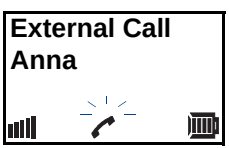
To transfer calls to another number:

1. Select **NewCall** and press ***YES***.
2. Enter or search for the number to which you want to transfer the call, as explained in “Call using the phone book” on page 41.
3. Press ***YES*** to dial the number.
4. Wait for an answer.

   If the person does not answer, or is busy, press to return to the call.
5. If the second call is answered you can:
   - Transfer the first call to the second party by pressing ***NO*** .
   - Return to the first call by pressing .

TURNING OFF THE MICROPHONE

During a call you may want to talk to someone else, without the caller hearing, by switching off the microphone.



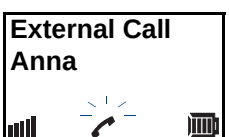
You can switch the microphone off by:

- Pressing ***CLR*** until you are ready to talk to the caller again.
  Short beeps and the ring off icon indicate that the microphone is off.
- Pressing ***CLR*** quickly.
  Short beeps and the ring off icon indicate that the microphone is off. To switch the microphone on, press ***CLR*** again.

TURNING OFF THE RINGER

If your cordless phone rings at an inconvenient moment, you can turn off the ringer.

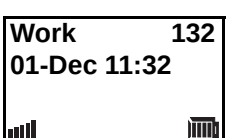
To turn off the ringer temporarily (for the current call):



- Press ***CLR*** or ***NO*** .
  The ring off icon appears.

Even with the sound off, you can still answer the call. The warning light and hook icon keep flashing.

To turn off the ringer permanently:



- Press ***CLR*** when no call is received.
  The ring off icon appears.

You can also turn off the ringer permanently by adjusting the ring volume to its lowest level. See “Volume control” on page 83.

To turn the ring sound on again:

- Press ***CLR*** for one second.

  The ring off icon disappears.

Advanced telephoning

INTERNAL, EXTERNAL CALL OR CALL BACK?

When you receive a call, there is a different ring signal for internal, external and call back calls. These signals are set in the cordless phone to the following defaults:

- An internal ring signal consists of a short beep followed by a pause.
- An external ring signal consists of two short beeps followed by a pause.
- A call back ring signal consists of short beeps.

Tip

You can set the tune of the ring signal for internal and external calls yourself. This makes it easier for you to recognize the ring signal of your own cordless phone. For more information, please read “Ringer tones or melodies” on page 86.

PAGING AND MESSAGE WAITING

This cordless phone supports paging and message waiting. Therefore, separate pages and message waiting ringer tones are available. The use of these features depends on the network.

CHANGING THE DIALLING MODE

If your phone system normally uses pulse dialling you can switch to tone dialling if required. For example: to control a teleservice (ask your system manager).

To switch the cordless phone to tone dialling during a call:

Route: DialMode » GoToDTMF

- Select **GoToDTMF** and press ***YES*** .

  The cordless phone now uses tone dialling for the current call.

SETTING LONG TONES

For some teleservices the standard tones sent out by the cordless phone are too short. In this case the cordless phone must be switched to ‘long tones’.

To switch the cordless phone to long tones during a call:

Route: DialMode » DTMF-Long

- Select **DTMF-Long** and press ***YES***.

  The cordless phone switches to long tones for the duration of the call.

To switch the cordless phone back to short tones during a call:

Route: DialMode » DTMF-Short

- Select **DTMF-Short** and press ***YES***.

  The cordless phone switches to short tones again.

If the cordless phone is set to long tones, the tones are transmitted for the same length of time as you keep the keys pressed down.

SENDING A DIAL TONE PAUSE

To insert a dial tone pause while dialling on hook:

- Press for one second.

To insert a dial tone pause while dialling off hook:

Route: DialMode » SendPause

- Select **SendPause** and press ***YES*** .

  A '**-**' is displayed and the cordless phone waits for the dial tone.

BABY PHONE

The baby phone function may be present in some versions of the cordless phone. This function is not used in business applications.

DIRECT CALL

You can set the cordless phone so that when any key is pressed, the phone dials a certain number.

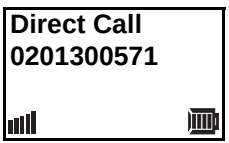
Switching the direct call on

Direct call deactivates the automatic key lock. For information about automatic key lock, see “Key lock” on page 74.

To switch the direct call on:

Route: Handset » DirectCall

1. Select DirectCall and press ***YES***.
   Enable Direct Call? is displayed.
2. Press ***YES*** to confirm.
   DirectC.No: is displayed. If a direct call number has been set before, this is shown in the display.
3. Enter the direct call number.



4. Press *YES* to confirm.
   The direct call function is now on.

If direct call is on, Direct Call and the number are displayed. To call it, press any key on the cordless phone.

Switching the direct call off

If you want to switch off the direct call feature, it is important not to wait too long between the steps: otherwise the direct call number is dialled.

To switch the direct call off:

Route: Handset » DirectCall

1. Press or to enter the menu and then quickly scroll to Direct-Call and press *YES*.
   Disable Direct Call? is displayed. If you do not react within two seconds, the direct call number is dialled.
2. Press *YES* to confirm.
   The direct call function is now off.

CALL STATISTICS CORDLESS PHONE

Your cordless phone can tell you the duration of your last call. Your cordless phone can also display the total time of all external calls made.

To see the time spent on your last call:

Route: Information » LastCall

1. Select **LastCall** and press ***YES***.
   The length of the last call is displayed in hours, minutes and seconds.
2. Press ***YES*** to leave this menu.

To see the time spent on all outgoing external calls:

Route: Information » TotalCalls

1. Select **TotalCalls** and press ***YES***.
   The total time of all external calls made is displayed in hours, minutes and seconds.
2. Press ***YES*** to leave this menu.

Phone book

PHONE BOOK USE

Your cordless phone can contain a phone book for 100 names and numbers.
You can consult and change the phone book via the **PhoneBook** menu option.
The phone book lists all names in alphabetical order. You can freely add names and numbers to the phone book.

Entering names

Use the numeric keys to enter names in the phone book.
Press a key once for the first letter of the key, press it twice for the second, three times for the third letter and so on. To enter letters with a diaeresis or accent or to enter a digit, press the same key a few more times.

For example: to insert **Ä** press number five times; to insert **È** press number four times and to enter a space, press number once. See the table below for more details.

To insert lower case letters, press the letter first and then . To revert to upper case letters again, press the letter and then . To insert an asterisk (*****) in a name, press twice.

Key	Press the corresponding key this many times for the character												
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
1		-	?	!	,	.	:	"	’	(	)	1	
2 ABC	A	B	C	Å	Ä	Æ	À	Á	Â	Ã	Ç	2	Γ
3 DEF	D	E	F	È	É	Ê	Ë	3	Δ	Φ			
4 GHI	G	H	I	Đ	Ý	Ì	Í	Î	Ï	4			
5 JKL	J	K	L	5	Λ								
6 MNO	M	N	O	Ñ	Ö	Ø	Ò	Ó	Ô	Õ	Œ	6	
7 PQRS	P	Q	R	S	ß	Þ	7	Π	Σ				
8 TUV	T	U	V	Ü	Ù	Ú	Û	8					
9 WXYZ	W	X	Y	Z	Ý	Ÿ	9						
0	0	+	&	@	/	$	%	£	Θ	Ξ	Ψ	Ω	
#	#	*											

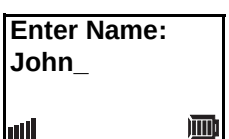
ADDING NAME AND NUMBER

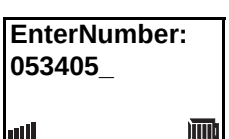
You can use the **AddNew** option to enter names and numbers in the phone book.

To add a new phone book entry:

Route: PhoneBook » Store » AddNew

1. Select **AddNew** and press ***YES***.
   Enter Name: or **Phone book Full** is displayed. In the latter case, you have to delete a phone book entry first before you can add a new one.
2. Enter a name.
3. Press ***YES*** to confirm.
   EnterNumber: is displayed.
4. Enter the telephone number.
5. Press ***YES*** to confirm.
   The name and number are stored in the phone book.





While entering a name or number, you can use the following keys: ***CLR*** = delete, = move left, = move right, = space, = lower case / enter a dial tone pause (press for at least 1 second).

EDITING NAME AND NUMBER

With the **Edit** option, you can change the names and numbers in the phone book.

Editing names

You can correct a misspelled name or give a new name to an existing telephone number.

To edit a name:

Route: PhoneBook » Find&Edit » Edit

1. Select **Edit** and press ***YES*** .
   Enter Name: is displayed.
2. Enter the first letter(s) of the name you are searching for.

3. Press ***YES*** .
4. Scroll until you find the name.
5. Press ***YES*** .
   The name to be edited is displayed.
6. Correct the name.
7. Press ***YES*** twice to confirm.

While editing a name, you can use the following keys: ***CLR*** = delete, = move left, = move right, = space, = lower case.

Editing telephone numbers

You can correct a telephone number or give another number to a name.

To edit a number:

Route: PhoneBook » Find&Edit » Edit

1. Select **Edit** and press ***YES*** .
   Enter Name:
2. Enter the first letter(s) of the name you are searching for.
3. Press ***YES*** .

4. Scroll until you find the name.
5. Press ***YES*** twice.
   The number to be edited is displayed.
6. Correct the number.
7. Press ***YES*** to confirm.

While editing a number, you can use the following keys: ***CLR*** = delete, = move left, = move right, = enter a dial tone pause (press one second).

DELETING NAME AND NUMBER

You can also delete names and associated numbers from the phone book.

To delete a name and number from the phone book:

Route: PhoneBook » Find&Edit » Delete

1. Select **Delete** and press ***YES***.
   Enter Name: appears.
2. Enter the first letter(s) of the name you are searching for.

3. Press ***YES*** .
4. Scroll until you find the name.
5. Press ***YES*** to confirm.
   The name and number are deleted from the phone book.

To delete all names and numbers from the phone book:

Route: PhoneBook » DeleteAll

1. Select **DeleteAll** and press ***YES*** .
   Delete?
2. Press ***YES*** to confirm.
   Deleting all is displayed while all names and numbers are deleted from the phone book.

ADDING LAST DIALLED NUMBERS

The last ten numbers you have dialled remain stored in the memory of your cordless phone until you turn it off. You can use the **AddLastDial** option to add these numbers to the phone book.

Menu option **AddLastDial** appears only if names or numbers are available for redial.

To add a number you have dialled recently:

Route: PhoneBook » Store » AddLastDial

1. Select **AddLastDial** and press ***YES***.
   A list of numbers is displayed. If **Phone book Full** appears, you have to delete a phone book entry first before you can add a new one.
2. Scroll through the list of last dialled numbers until you have the number you want to store. Select the number and press ***YES***.
3. **Edit Number:** is displayed.
   The number to be added is displayed.
4. Edit the number if necessary.
5. Press ***YES***.
   Enter Name: is displayed.
6. Enter a name.
7. Press ***YES*** to confirm.
   The name and number are stored in the phone book.

ADDING CALLER'S NUMBER

If caller line identification is supported by your network, the cordless phone keeps a list of numbers of people who have called.

The last ten numbers of your callers remain stored in your cordless phone memory until you turn it off. You can use the **AddWhoCall** option to add these numbers to the phone book.

Menu option **AddWhoCall** appears only if names or numbers are available for returning a call.

To add a caller's number to the phone book:

Route: PhoneBook » Store » AddWhoCall

1. Select **AddWhoCall** and press ***YES***.
   A list of numbers appears. If **Phone book Full** is displayed, you have to delete a phone book entry first before you can add a new one.
2. Scroll through the list of "who called" numbers until you have the number you want to store. Select the number and press ***YES***.

3. **Edit Number:** is displayed.
   The number to be added is displayed.
4. Edit the number if necessary.
5. Press ***YES*** .
   Enter Name: is displayed.
6. Enter a name.
7. Press ***YES*** to confirm.
   The name and number are stored in the phone book.

Blocking keys and extra security

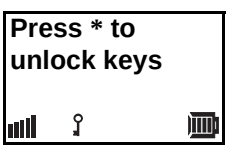
KEY LOCK

If you carry the cordless phone in your pocket, you might accidentally press the keys and make a call. To prevent this, you can have them blocked by using the **AutoKeyLock** option.

To enable or disable key locking:

Route: Handset » AutoKeyLock

1. Select **AutoKeyLock** and press ***YES*** .
   The current setting is displayed.
2. Use the or key to select the setting you want.
3. Press ***YES*** to confirm.



Note

After enabling the key lock function do not press a key for one minute. If the enabling time has expired the keys no longer work and a key symbol is displayed.

During key lock the keys are blocked, so you cannot use your cordless phone. If a key is pressed the message **Press * to unlock keys** is displayed. If you have locked the keys and you receive a call, you can answer the call as usual without switching key lock off. When the call is ended the keys are locked again.

To unblock the keys temporarily:

1. Press or *
   'Unlock Keypad?' is displayed.
2. Press ***YES*** to switch off the key lock.
   The key symbol disappears; the keys are enabled again.

CORDLESS PHONE LOCK

You can protect your cordless phone against unauthorized use with your PIN code (Personal Identification Number). You can secure the cordless phone against being used by someone else, or just against adding or deleting telephone network subscriptions. Both security features are off by default. You can change the PIN code of the cordless phone.

If you enter an incorrect cordless phone PIN code three times in a row, the cordless phone is blocked.

See for the default cordless phone PIN code “Overview PIN and other codes” on page 82.

Securing against unauthorized use

You can set the cordless phone so that the PIN code must be entered after switching on. This option is off by default.

To enable or disable protection against unauthorized use:

Route: Handset » PhoneLock » PowerOn

1. Select **PowerOn** and press ***YES***.
   Enter PIN: is displayed.
2. Enter the PIN code for the cordless phone (default 0000) and press ***YES***.
   The current setting is displayed.
3. Press or to select one of the following options:
   - **On** to enable protection.
   - **Off** to disable protection.
4. Press ***YES*** to confirm.

Securing against adding or deleting subscriptions

You can set the cordless phone so that the PIN code must be entered when adding or deleting telephone network subscriptions. This option is off by default.

To enable or disable protection against adding or the deletion of subscriptions:

Route: Handset » PhoneLock » Subscript

1. Select **Subscript** and press ***YES***.
   Enter PIN: is displayed.
2. Enter the PIN code for the cordless phone (default 0000) and press ***YES***.
   The current setting is displayed.
3. Press or to select one of the following options:
   - On to enable protection.
   - Off to disable protection.
4. Press ***YES*** to confirm.

CHANGING THE PIN CODE

The cordless phone is initially provided with a pre-set PIN code (see page 82).

You should change this PIN code to a personal PIN code to prevent misuse.

To change the cordless phone PIN code:

Route: Handset » PhoneLock » ChangePIN

1. Select **ChangePIN** and press ***YES***.
   EnterOldPIN: is displayed.
2. Enter the current PIN code for the cordless phone (default 0000) and press ***YES***.
   Either **EnterNewPIN:** or **Wrong PIN** is displayed. In the latter case, you have entered a number that does not the match the current PIN code.
3. Enter the four digits of the new PIN code and press ***YES***.
   RepeatNewPIN is displayed.
4. Enter the new PIN code again and press ***YES***.
   Either **New PIN accepted** or **Wrong New PIN** is displayed.
5. Note the new PIN code for future use.

If you enter an incorrect new cordless phone PIN code three times in a row, the cordless phone leaves this menu option.
In other situations, if you enter an incorrect cordless phone PIN code three times in a row, the cordless phone is blocked and **PIN Blocked, Unblock?** is displayed. See below for unblocking the cordless phone.

UNBLOCKING THE CORDLESS PHONE

If your cordless phone is blocked because an incorrect PIN code has been entered three times, you can unlock the cordless phone with the IPEI code. After entering the IPEI code, you must enter a new PIN code.
The IPEI code is a unique code which has been assigned to the cordless phone. The IPEI code can be found in the **ShowIPEI** menu (Route: Information » ShowIPEI).

If the cordless phone is blocked, **PIN Blocked, Unblock?** *appears. The cordless phone must be unblocked before it can be used again. To unblock:*

1. Press ***YES***.
   Backdoor: is displayed.
2. Enter the IPEI code and press ***YES***.
   EnterNewPIN: is displayed.
3. Enter the four digits of the new PIN code and press ***YES***.
   RepeatNewPIN is displayed.
4. Enter the new PIN code again and press ***YES***.
   Either **New PIN accepted** or **Wrong New PIN** is displayed. In the latter case, the new PIN and the code you have just entered do not match.

If **New PIN accepted** appears, you can use the cordless phone again.

OVERVIEW PIN AND OTHER CODES

The cordless phone uses several identification codes for security reasons. In the table below, an overview of these codes and their values is given.

Code	Value	Backdoor code
Cordless phone PIN	0000 (default)	IPEI
Authentication Code (AC) or BasePIN	Unique identity provided by the cordless system which is necessary to subscribe a cordless phone. Consult your system manager for more information.	Not applicable.
International Portable part Equipment Identity (IPEI)	Unique identity assigned to your cordless phone by the manufacturer. In menu **Information >> ShowIPEI** you can find the number. It is recommended to write it down.	Not applicable.
Portable Access Rights Key (PARK)	A unique identity provided by the cordless system. This code can be used to speed up subscription. Consult your system manager for more information.	Not applicable.

Settings

VOLUME CONTROL

You can adjust the volume in the earpiece and the volume of the ringer.

Adjust earpiece volume

To adjust the volume during a call:

- Press the **VOLUME UP** or **VOLUME DOWN** key once or more.

If you are not making a call you can still adjust the volume:

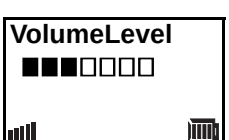
1. Press ***YES***.
   You hear the dial tone.
2. Keep listening and press the **VOLUME UP** or **VOLUME DOWN** key once or more.
   You hear the dial tone becoming louder or quieter.
3. Press ***NO*** to cancel the adjustment procedure.

If the earpiece is at maximum or minimum volume, you hear a warning tone.

Adjust ringer volume

To adjust the ring volume:

Route: Handset » Alerts » RingVolume



1. Select **RingVolume** and press ***YES***.
   A volume level bar is displayed.
2. Press the or key once, or more, to turn the volume up or down.

You can now also use the **VOLUME UP** or **VOLUME DOWN** key to change the volume. Each time you press **VOLUME UP** or **VOLUME DOWN**, you hear the ring at the new volume. If you set the volume to its lowest level, the ring off icon appears.

3. Press ***YES*** to confirm.

RINGER TONES OR MELODIES

You can change the ringer tone for each call type to a different sound or a pre-programmed melody. For each ring signal type, you can choose from four ringer tones or six melodies.

To set the sound for a ringing type:

Route: Handset » Alerts » RingType » Internal/External/CallBack/Message/ Page

1. Select the ring signal type: **Internal**, **External**, **CallBack**, **Message** or **Page** and press ***YES***.
   The current setting is displayed and played.
2. Select sound **Low**, **Medium**, **High**, **Mixed** or **Melody** (1 - 6) using or .
   The selected sound is played. The menu options **Low**, **Medium**, **High** and **Mixed** refer to the pitch of the ringing tone.
3. Press ***YES*** to confirm.

The table below lists the names of the melodies.

Melody	Name
1	Jumpy
2	Eine kleine Nachtmusik
3	Toccata
4	Elise
5	Samba
6	Blues Rhythm

DISCREET RINGING

In the discreet ringing mode, your cordless phone starts ringing at the lowest audible volume level. It then gets louder and louder.

To set discreet ringing:

Route: Handset » Alerts » DiscreetRng

1. Select **DiscreetRng** and press ***YES***.
   The current setting is displayed.
2. Use the or key to select one of the following options:
   - On to activate discreet ringing.
   - Off for no discreet ringing.
3. Press ***YES*** to confirm.

Tip

You can also turn off the ringer. See “Volume control” on page 83 for more information.

KEY CLICK

Key click is the sound you hear each time you press a key. This feature can be enabled and disabled.

To set key click:

Route: Handset » Alerts » KeySound

1. Select **KeySound** and press *YES*.
   The current setting is displayed.
2. Use the or key to select one of the following options:
   - **Click** to have a key click with each key press.
   - **Silent** for no key click.
3. Press *YES* to confirm.

DISPLAY LIGHT

Your cordless phone has a display which is illuminated when a key is pressed.

The illumination automatically goes off after a while, unless you press a key.

To set the display light to automatic or off:

Route: Handset » Display » Light

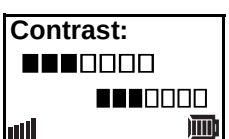
1. Select **Light** and press ***YES***.
   The current setting is displayed.
2. Use the or key to select one of the following options:
   - Automatic to activate illumination of the display when a key is pressed.
   - Off for no illumination of the display.
3. Press ***YES*** to confirm.

DISPLAY CONTRAST

You can adjust the contrast of the display to one of eight levels to make it easier to read.

To change the display contrast:

Route: Handset » Display » Contrast



1. Select **Contrast** and press ***YES***.
   The contrast level bar appears.
2. Adjust the contrast with and .
   You hear an error beep when either limit is reached.
3. Press ***YES*** to confirm.

LANGUAGE

You can change the language of the menus at any time. The default language is English.

To change the cordless phone language:

Route: Handset » Language

1. Select **Language** and press ***YES***.
   The current language is displayed.
2. Scroll through the list of languages until the language you want is selected.
3. Press ***YES*** to confirm your choice.

AUTOINTERN

Select **AutoIntern Off**.

CLEARING ALL CORDLESS PHONE SETTINGS

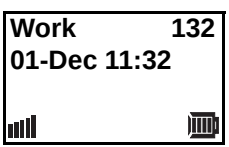
You can clear all settings on the cordless phone simultaneously. The last dialled numbers, the ‘‘who called’’ memory and the last call information are also cleared. The phone book, the PIN code, the subscriptions and the total calls information, however, are not cleared.
All cordless phone settings revert to default.

To reset all cordless phone settings:

Route: Handset » MasterReset

1. Select **MasterReset** and press ***YES***.
   Enter Pin: or **Reset All Settings ?** is displayed.
2. If requested enter your PIN code for the cordless phone (see page 82) and press ***YES***.
   Reset All Settings ? is displayed.
3. Press ***YES*** to confirm.

Networking



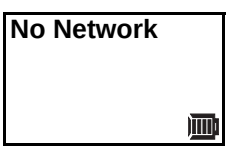
CONNECTING TO TELEPHONE NETWORKS

Your cordless phone uses a telephone network to make and receive calls. The cordless phone can be connected to several telephone networks.

If your cordless phone is connected to a telephone network the name of this network is displayed. The signal strength icon indicates the reception quality. If a network name is displayed and the signal strength icon is off, the cordless phone is not connected to that network at the moment. The cordless phone is trying to connect to that network or it was connected to that network before.

Before you can access a network a subscription and a telephone number are required. Subscription to a network is carried out once only. Once the cordless phone is subscribed you can make and receive calls whenever you are within range of that network.

During the subscription to a network the cordless phone receives its internal telephone number by which it can be called.
You can subscribe up to eight different networks. You can select a subscribed network automatically or manually.
If the cordless phone cannot connect to a network a number of warning messages can be displayed. In addition the cordless phone will give short, fast beeping sounds and the warning light will flash.

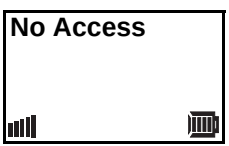


‘No Network’ warning

If you have manually selected a network, the cordless phone cannot connect to the selected network. If you have automatically selected a network, the cordless phone cannot connect to any network in its subscription list. You can solve this as follows:

- Select another network. See “Selecting a network automatically” on page 103 and “Selecting a network manually” on page 105.

- If the cordless phone is not yet subscribed to a network, you should subscribe it first, see “Subscribing to a network” on page 97.
- If the cordless phone is already subscribed, you are probably out of range. You should bring it back into the working range of the network.



‘No Access’ warning

The cordless phone is in range of a telephone network but has no access rights. You should solve this as follows:

- Select another network. See “Selecting a network automatically” on page 103 and “Selecting a network manually” on page 105.
- If the cordless phone is already subscribed to that network, you should resubscribe, “Resubscribing to a network” on page 103.

SUBSCRIBING TO A NETWORK

To connect a cordless phone to a telephone network you must subscribe to that network. Once subscribed to, the network can be accessed at any time, when within network range.

Subscribing a cordless phone

Note

If the cordless phone does not have a subscription, it automatically enters the subscription mode when it is switched on. In this case the cordless phone displays **BasePIN:** *or* **Enter AC:***. If so, you can skip step one and two of the procedure below.*

To subscribe to network a BasePIN or Authentication Code (AC) is required. To speed up the subscription process a Portable Access Rights Key (PARK) can be used also. But when within system range and you are sure that no

other network can interfere with the subscription process then the PARK may be omited.

Your system manager or supplier will provide you with an BasePIN/AC code and a PARK if necessary.

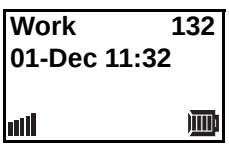
The BasePIN or AC code is only used once during the subscription process.

The BasePIN or AC code can be seen as a temporary PIN code received from the network operator, or system administrator, to perform on-air subscription.

To subscribe a cordless phone without speeding up the subscription process:

Route: Networks » Subscribe

1. Select **Subscribe** and press ***YES***.
   Enter PIN:, **BasePIN**, **Enter AC:** or **Subscr. List Full** is displayed. When your cordless phone already has eight subscriptions. You have to delete a subscription before you can add a new one.
2. If requested, enter the PIN code for the cordless phone (see page 82) and press ***YES***.
   BasePIN: or **Enter AC:** is displayed.



3. Enter the BasePIN or authentication code.
   Each digit of the BasePIN or AC number that you enter is shown only as * for security purposes.
4. Press ***YES*** to confirm.
   The cordless phone now looks for a network in subscription mode using the BasePIN or AC number to test if it is allowed to subscribe.
5. Wait until **Subscription Ready** is displayed for a short time.
   The cordless phone is connected to the network. You can see its internal phone number on the display.

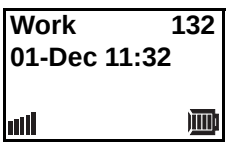
If you get the following message, try to subscribe again:

- **Subscription Failed**: the BasePIN or AC number you have entered does not match the network BasePIN or AC number, or the network cannot add another subscription.

To subscribe a cordless phone to speed up the subscription process:

Route: **Networks » Subscribe**

1. Select Subscribe and press ***YES***.
   Enter PIN:, **BasePIN**, **Enter AC:** or **Subscr. List Full** is displayed. When your cordless phone already has eight subscriptions. You have to delete a subscription before you can add a new one.
2. If requested, enter the PIN code for the cordless phone (see page 82) and press ***YES***.
   BasePIN: or **Enter AC:** is displayed.
3. First enter * followed by the BasePIN or authentication code of the network. Press ***YES*** to proceed.
   Each digit of the BasePIN or AC number that you enter is shown only as * for security purposes.
4. Enter the PARK code of the system and press ***YES***.
5. Enter a protection code (0 = no protection, 1 = protection (when you enable protection it is no longer possible to delete the subscription via the cordless phone)).



6. Press *YES* to confirm.
   The cordless phone now looks for a network in subscription mode using the BasePIN or AC number to test if it is allowed to subscribe.
7. Wait until Subscription Ready is displayed for a short time.
   The cordless phone is connected to the network. You can see its internal phone number on the display.

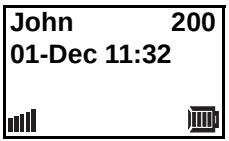
If you get the following message, try to subscribe again:

- Subscription Failed: the BasePIN, AC number or PARK code you have entered does not match the network BasePIN, AC number or PARK code, or the network cannot add another subscription.

Eight subscriptions possible

Up to eight networks may be subscribed to. The names for these networks are stored in a prioritised list. In case of automatic network selection, the cordless phone will try to connect to the network with the highest priority. To change the network priority see “Changing subscription priority” on page 109.

If you want to subscribe and no free entries are left in the subscription list, you have to delete an entry first. See “Deleting network subscription” on page 108.



Network names

The names of networks can be used as a personal identity for your telephone. Each name could, for instance, be related to the relevant area or organisation when connected to that particular network. To edit the network name see “Editing network name” on page 106.

RESUBSCRIBING TO A NETWORK

Resubscribing can be used to update the subscription data in the cordless phone. For business applications this feature is not used.

SELECTING A NETWORK AUTOMATICALLY

The cordless phone can connect to a network automatically. This may solve out of range (‘**No Network**’) or network access problems (‘**No Access**’). The network selection is retained if the telephone is switched off and back on.

To have automatic network selection:

Route: Networks » SelectNet

1. Choose **SelectNet** and press ***YES*** .
   Automatic or the currently selected network is displayed.
2. If necessary use the or key to select **Automatic**.
3. Press ***YES*** to confirm.

The cordless phone tries to connect to a subscribed network in the order of the prioritized subscription list. If only a network name is displayed and '**No Network**' is displayed repeatedly, the cordless phone has not connected to a network. The cordless phone is out of range or a network subscription is required. See "Subscribing to a network" on page 97, or contact your system manager.

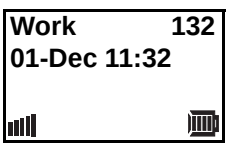
SELECTING A NETWORK MANUALLY

The cordless phone can connect to several telephone networks. You can specify a network to connect to. The network selection is retained if the telephone is switched off and back on.

To specify the network to connect to:

Route: Networks » SelectNet

1. Choose **SelectNet** and press ***YES***.
   Automatic or the currently selected network is displayed.
2. Press or to find the network you want from the list.
3. Press ***YES*** to confirm.



EDITING NETWORK NAME

The name of each subscribed network can be changed to provide a personal identity for your cordless phone. The name can be chosen freely and is shown on the display when the cordless phone is connected to that network and in stand-by. The default name is **Work**.

To edit the network name:

Route: Networks » Rename

1. Select **Rename** and press ***YES***.
   The first network name in the subscription list is displayed.
2. Use or to select the name to edit.
3. Press ***YES***.
   Edit Name: is displayed.
4. Change the name (to a maximum of ten letters).
5. Press ***YES*** when you finish.

Tips

- *With respect to the number keys consider the following: press the key which has the letter of the name you want. Press once for the first letter of the key, twice for the second and three times for the third letter of the key.*
- *The cordless phone can display several special characters. Please refer to “Phone book use” on page 63 for more details.*

DELETING NETWORK SUBSCRIPTION

If a subscription is no longer required, you can remove it from the subscription list of the cordless phone. You can lock this option with a PIN code; then you cannot accidentally delete a subscription.

To remove a subscription from the cordless phone:

Route: Networks » Delete

1. Select **Delete** and press ***YES***.
   Enter PIN: or the first network name in the subscription list is displayed.
2. If requested, enter the PIN code for the cordless phone (see page 82) and press ***YES***.
3. Use or to find the subscription for deletion.
4. Press ***YES***.
   Delete? is displayed.
5. Press ***YES*** to confirm.

If you delete the currently active subscription, the cordless phone disconnects and searches for another subscribed network.

CHANGING SUBSCRIPTION PRIORITY

The cordless phone can select a network automatically when it has been out of range or switched on. In this case, it searches for the networks in the order of priority starting with the first one on the subscription list. If you wish to change the order of your subscription list, the network names can be re-arranged using the **Priority** option.

Note

This menu option is only available if the subscription list contains two or more network names.

To change the order of the subscription list:

Route: **Networks » Priority**

1. Select **Priority** and press ***YES***.
   The first network name on the list is displayed.
2. Use and to select the network to be moved.
3. Press ***YES***.
   Pos. 1 is displayed.
4. Use or to select the new position in the list for the selected network.
5. Press ***YES*** to confirm.

The selected network is put into the required position on the list. The other networks on the list are re-arranged accordingly, maintaining their relevant priorities. For example, if item 3 is moved to item 1 on the list; item 1 becomes item 2, item 2 becomes item 3 and the other items remain unchanged.

Tips and tricks

You can find a few useful tips and tricks in this section.

Putting a call on hold

You can put a call on hold in three ways:

- During a call press

. You can now transfer the call to another cordless phone or return to the call. This and any further action is entirely dependent on the telephone network or switchboard used. See “Transferring a call” on page 49 for more details.
- Press ***CLR*** to switch off the microphone. See “Turning off the microphone” on page 52.

Quick call by name

You can search for a number by name in the phone book without using the menus. See “Quick call by name” on page 42 for more details.

Entering a dial tone pause

To include a pause in a telephone number, press . The network waits for the dial tone. See “Sending a dial tone pause” on page 59 for more details.

Editing a name and number

If you edit a name or a number on your cordless phone you can “jump” to the most left or the most right character by respectively pressing or for one second. You can clear the whole name or number by pressing ***CLR*** for one second.

Mute ringer temporarily

If your cordless phone rings at an inconvenient moment, you can turn off the sound temporarily by pressing ***CLR***. The ringer sounds again with the next call. See “Turning off the ringer” on page 53 for more details.

Muting ringer and warning sound permanently

You can turn off the ringer and warning sound permanently by pressing ***CLR*** for one second. If you press ***CLR*** during a call, you turn off the microphone. To turn the ringer and warning sound back on, press ***CLR*** for one second again. See “Turning off the ringer” on page 53 for more details.

Reference

SAFETY INSTRUCTIONS

Intrinsic safety

Do not use the cordless phone and charger in conditions where there is a danger of electrically ignited explosions.

Exposure to sunlight, heat and moisture

Do not expose the cordless phone and charger to direct sunlight for long periods. Keep the cordless phone and charger away from excessive heat and moisture.

Battery disposal

Defective batteries must be returned to a collection point for chemical waste disposal.

Spare parts and accessories

Use only approved spare parts and accessories. The operation of non-approved parts cannot be guaranteed and may even cause damage. For more information see “Spare parts and accessories” on page 131.

TROUBLESHOOTING

These answers to frequently asked questions should help you solve problems with the cordless phone yourself.

Can somebody eavesdrop on me?

This is not possible because of the digital encryption techniques which are used.

Do I get a warning before the batteries run out?

An alarm sounds when approximately fifteen minutes' calling time is left.

How can I subscribe a cordless phone?

To subscribe a cordless phone you need the BasePIN or authentication code of the network. How to subscribe is explained in "Subscribing to a network" on page 97.

I cannot understand the language on the display. Why?

An incorrect language has been selected.

To correct this:

1. Press ***CLR***.
   The cordless phone returns to the stand-by display.
2. Press 2 x , ***YES*** , 3 x and ***YES***. Select the language of your choice from the list and press ***YES***.

I have entered an incorrect PIN code three times in a row. How can I set a new PIN code?

If you have entered an incorrect PIN code three times in a row, the current code is invalidated. If the cordless phone PIN code is invalidated, the cordless phone cannot be used any more. To reset the PIN code, see “Unblocking the cordless phone” on page 80.

I cannot switch on the cordless phone by pressing NO for at least two seconds. Why?

Put the cordless phone in the charger. If the display comes on, the battery is almost flat. Leave the cordless phone in the charger to charge the battery. If the display remains off after charging, the cordless phone is defective or the battery is not properly connected or may need replacing. See “Battery” on page 15.

I know that someone is calling me, but the ring signal is not ringing. Why not?

If you can see the ring off icon, it means that the volume of the ring signal has been set to zero, or the ring signal is switched off temporarily. If the ring signal has been switched off temporarily, it comes back on when you hang up. For increasing the volume of the ring signal, see “Volume control” on page 83.

I hear a warning tone and the signal strength indicator is not shown. What is wrong?

The cordless phone is not connected to the network. The cordless phone is probably out of range. Bring the cordless phone back within range of the network.

It is also possible that the cordless phone has not been subscribed or that the subscription has been cancelled. It could also mean that a network other than the one which you are close to has been selected. See “Subscribing to a network” on page 97 and “Connecting to telephone networks” on page 94.

I hear a warning tone and the battery icon is flashing. What is wrong?

The battery is almost flat. Put the cordless phone in the charger to charge the battery.

I cannot use the phone book. What is wrong?

The phone book in the cordless phone might be empty. To make use of the phone book, you have to add a few names and numbers. See “Adding name and number” on page 66.

BUTTONS AND KEYS

The lists below explains the use of the buttons and keys on the cordless phone.

Key	Function
VOLUME UP and **VOLUME DOWN**	Earpiece volume louder/quieter.
YES	Make a call or answer a call. Confirm a menu option.
CLR	During call: microphone off. While entering text or a number: delete last letter or digit, delete whole line if held longer. If the cordless phone rings: mute sound. In stand-by mode mute ringer and warning sound permanently. Cancel a menu option, cordless phone goes on stand-by.
NO **/ON/OFF**	If held for 1 second: switch cordless phone on. If held for 1 second during stand-by: switch cordless phone off. If the cordless phone rings: mute sound. End a call. Cancel a menu option.
and	Start menu. Scroll through menu options or lists. While entering text or number: move one character position, move to end or beginning if held longer.

Key	Function (Continued)
	During an external call: transfer a call (if supported).
	Change case of previous and subsequent letters while entering text. If held for 1 second: insert dial tone pause (-) while entering a phone number.

TERMINOLOGY

The list below explains the terms which may appear on the display.

Terminology used on display

Term	Meaning
AC	Authentication code (=BasePIN)
BasePIN	= authentication code
DTMF	Dual Tone Multi Frequency or touch tone, for dialling.
IPEI	International Portable part Equipment Identity, unique identity assigned to your cordless phone by the manufacturer.

Term	Meaning (Continued)
PARK	Portable Access Rights Key, unique identity assigned to your network.
PIN	Personal Identification Number for security.

SIGNALS

The cordless phone signal certain events audibly and visually as described below.

Signal	Meaning
Red warning light	Incoming call. Message waiting. Battery almost empty. Cordless phone out of range or not connected.

The cordless phone also generates audible ring signals, alarm signals and warning tones, and key clicks.

Sound	Meaning
Ring signal	Incoming call.
Alarm signal	4 short beeps every 30 seconds: battery almost empty. 4 short beeps every 2 minutes: cordless phone out of range or not connected.
Key click	You hear this each time you press a key (when selected).
Warning tone	You have pressed a key which has no function.

MAINTENANCE

The cordless phone does not contain user serviceable parts. If your cordless phone requires service you should return them to the supplier or retailer from whom they were bought.

Cleaning

Clean the cordless phone with a soft cloth moistened with water only. The use of soap and other cleaning products can discolour and damage the cordless phone. Clean the battery contacts using ethanol or isopropyl alcohol.

TECHNICAL SPECIFICATIONS

DECT GAP/CAP

The cordless phone has the unique advantages of DECT GAP/CAP (Digital Enhanced Cordless Telecommunications Generic Access Profile/CTM Access Profile). This means that no one can eavesdrop on your calls and that the quality of speech is as good as that of conventional fixed telephones. DECT GAP/CAP enables interoperability with other manufacturers' products.

CE marking

The cordless phone has a CE marking according to the guidelines of the European telecommunications laws 73/23/EEC, 89/336/EEC and 91/263/EEC. The CE marking corresponds to the European marking law 93/68/EEC.

Cordless phone

Power supply

Battery	NiMH pack 600 mAh, 3.6 V

Standards and regulations

CE regulations	73/23/EEC, 89/336/EEC, 91/263/EEC and 93/68/EEC
CE marking	CE 0344 X
DECT standards	CTR6, CTR10, CTR22
Safety standards	EN60950
EMC standards	ETS 300 329

Maximum environmental values during use

Temperature	0 to +40 °C
Relative air humidity	20% to 75% non-condensing

Dimensions and weight

L x W x H	142 x 54 x 25 mm (excluding antenna and clip)
Weight	143 g (including batteries and clip)

Performance

Battery	NiMH, 500 to 1000 charge cycles
Stand-by time	up to 150 hours
Call time	up to 15 hours
Charge time	3 hours maximum

Volume

Ring signal	Seven step adjustable volume from off to 85 dB (A) at 30 cm
Earpiece	Ten step adjustable

Ringing signals (defaults)

External call	0.4 s on, 0.2 s off, 0.4 s on, 5 s off
Internal call	1 s on, 5 s off
Call back	0.32 s on, 0.2 s off

Phone book

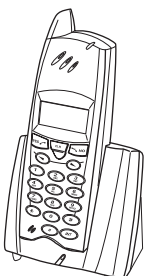
Maximum name length	12 characters
Maximum number length	24 digits
Entries	100

External interfaces

Radio connection	DECT GAP/CAP, 1880-1900 MHz, up to 250 mW radiated power during 1 of the 24 time slots
User interface	Display with two lines of 12 alphanumeric characters and 7 icons, keys with text, volume keys on the side.
Accessory connector	For battery charging.

Features

Menu controlled, predial, difference between internal and external calls, phone book, redial (10 numbers), caller identification (if provided), ‘‘who called’’ memory (10 numbers), illuminated display, temporarily transmit long DTMF tones, security with PIN code, keys can be locked automatically, access to up to 8 DECT GAP/CAP telephone systems, key click on/off, battery meter, call duration indication.



SPARE PARTS AND ACCESSORIES

Use only approved spare parts and accessories. The operation of non-approved parts cannot be guaranteed and may even cause damage. Contact your supplier for more information.

- Charger with desk stand and wall mount.
- Power adaptor for charger.
- Clip for cordless phone.
- Nickel metal hydride battery for cordless phone.
- Battery door for cordless phone.

Index

A

AC *82*, *123*
Accessories *115*, *131*
AutoIntern *92*
Automatic selection *103*

B

Baby phone *59*
Backdoor code *82*
BasePIN *82*, *123*
Battery *15*
  changing *18*
  charging *16*
  meter *16*
Buttons *121*

C

Call
  by name *41*
  information *38*
  making a call *40*
  quick call by name *42*
  receiving a call *48*
  returning a call *46*
  statistics cordless phone *62*
  transfer *49*
  using phone book *41*
Calling line identification *49*
Cancelling a subscription *108*
CAP *127*
CE *127*
Charge time battery *15*
Charger *131*
Cleaning *126*
Connecting to telephone networks *94*
Contrast *91*

Cordless phone
changing PIN code *79*
switching off *34*
switching on *21*
unblocking *80*

D

DECT/GAP *127*
Deleting subscription *108*
Dial tone pause *59*
Dialling off hook *30*, *40*
Dialling on hook *29*, *40*
Direct call *60*
Discreet ringing *88*
Display
contrast *91*
information *37*
light *90*
DTMF *123*

E

Editing name/number *67*
Extension number *38*

G

GAP *127*
Getting started *8*

I

Illuminated display *90*
Installation *10*
Intrinsic safety *114*
IPEI *82*, *123*

K

Key click *89*
Keys *121*

L

Language
cordless phone menu *92*, *117*
Last dialled number *44*

M

Maintenance *125*
Making a call *40*
Master reset
cordless phone *93*
Melody *86*
Menu
language *31*, *92*
off hook *25*
on hook *24*
structure *23*
use *26*

Microphone off *52*

N

Name/number editing *67*
Network *94*
  selection *103*, *105*
Nickel metal hydride *15*
NiMH *15*

O

Off hook dialling *30*, *40*
On hook dialling *29*, *40*
Overview PIN codes *82*

P

PARI *124*
PARK *82*
Path through the menus *28*
Pause, dial tone *59*
Phone book *63*
  adding caller's numbers *72*
  adding last dialled numbers *70*
  adding name and number *66*
  adding who called *72*
  deleting names and numbers *69*
  editing name *67*
  editing number *68*
PIN code *82*, *124*
Preparing for use *10*

Q

Quick call by name *42*

R

Receiving a call *48*
Redial *44*
Reset all
  cordless phone *93*
Re-subscribing a cordless phone *103*
Ring
  type *86*
Ringer
  off *53*
  tones *86*
Route *28*

S

Safety instructions *114*
Selecting a network *103*, *105*
Signal strength *37*
Signals *124*
Spare parts *115*
  accessories *131*
Specifications *127*
Subscribing to a network *97*
Switching off cordless phone *34*

Switching on cordless phone *21*

T

Telephone number *38*
Terminology used on display *123*
Tips and tricks *111*
Transferring calls *49*
Troubleshooting *116*

U

Unanswered calls *46*
Unblocking
  cordless phone *80*
Using
  menus *26*
  phone book *63*

W

Who called *46*